

## Green Building Project Fact Sheet

### *Loloma 5 Condominiums*

<b>Project</b>	<b>Project Address Client City Lat/Long/Elev</b>	3707 North Marshall Way Loloma 5 LLC Scottsdale, Arizona 33° 30' North, 111° 52' West, 1180 ft (360 m) above sea level
<b>Team</b>	<b>Architect Builder</b>	Will Bruder & Assoc. Preferred Building Systems Inc.
<b>General</b>	<b>Time Line Floor Area Cost</b>	Project Completed in June, 2004 1550 ft <sup>2</sup> per unit (five - 3 story live/work units total) Unknown
<b>Site Use</b>	<b>Minimal Impact  Heat Mitigation  Orientation  Landscaping  Air Quality</b>	<ul style="list-style-type: none"> <li>▪ Building designed with minimal impact on site topography.</li> <li>▪ Desert plants and natural features beyond 10' of building footprint and paved areas protected during construction.</li> <li>▪ Non-permeable walkways, uncovered patios, aprons, and driveways cover no more than 40% of the net buildable site area.</li> <li>▪ All driveways constructed of permeable materials.</li> <li>▪ Building is oriented on lot so the longest axial dimension faces within 20 degrees of south.</li> <li>▪ Home is designed with protected outdoor living area on east and/or south side.</li> <li>▪ Xeriscape is at least 90% of landscaped areas.</li> <li>▪ Irrigation controller with a rain sensor shut off.</li> <li>▪ Rainwater collection system with on-site distribution to vegetation.</li> <li>▪ Utility supplied electric power on site at start of construction.</li> </ul>
<b>Structural Elements</b>	<b>Resource Conservation</b>	<ul style="list-style-type: none"> <li>▪ Floor structure is at least 75% non-solid sawn lumber.</li> <li>▪ Roof structure is at least 75% non-solid sawn lumber.</li> <li>▪ Beams and headers are at least 75% non-solid sawn lumber.</li> <li>▪ Exterior grade sub-floor and/or sheathing.</li> </ul>
<b>Building Envelope</b>	<b>Energy Conservation</b>	<ul style="list-style-type: none"> <li>▪ Ceilings insulated to min. R-38.</li> <li>▪ Radiant barrier installed at roof or ceiling assembly.</li> <li>▪ House is wrapped with an exterior air infiltration barrier or building system provides an integral air infiltration barrier.</li> <li>▪ No more than 25% of total glass area is located on east and west walls combined.</li> <li>▪ Total glazed area is less than 20% of the total conditioned space.</li> </ul>
<b>Heating, Cooling,</b>	<b>Energy Conservation</b>	<ul style="list-style-type: none"> <li>▪ Zoned HVAC system with individual room temperature control.</li> <li>▪ Ductwork insulation greater than R-4.2 in conditioned space and R-6 in unconditioned space.</li> <li>▪ Minimum of three reversible, multi-speed ceiling fans installed.</li> </ul>

Electrical Power,	Energy Conservation	<ul style="list-style-type: none"> <li>▪ Gas dryer stub-out.</li> <li>▪ Laundry area has both gas and electric dryer stub outs.</li> </ul>
Plumbing	Water Conservation Energy Conservation	<ul style="list-style-type: none"> <li>▪ Water heater within 20-pipe feet (6 m) length of bathroom fixtures.</li> <li>▪ Provide south roof area for future solar panels and plumbing rough in for solar water heating system.</li> </ul>
Roofing	Energy Conservation Resource Conservation	<ul style="list-style-type: none"> <li>▪ Where permitted, reflective roof surface with min. 75% LRV to reduce heat gain.</li> <li>▪ Roof material weighs less than 350 lbs/100 ft<sup>2</sup> to reduce roof mass.</li> <li>▪ Reusable/recyclable roofing materials.</li> </ul>
Exterior Finishes	Resource Conservation	<ul style="list-style-type: none"> <li>▪ Materials left in natural state.</li> </ul>
Interior Finishes	Indoor Air Quality	<ul style="list-style-type: none"> <li>▪ Water based finishes on all woodwork other than cabinetry.</li> </ul>
Interior Doors,	Indoor Air Quality Resource Conservation	<ul style="list-style-type: none"> <li>▪ Cabinets pre-finished or on-site application of cabinet finishes done with least toxic finishes.</li> <li>▪ No wood base, cove, door/window trim used.</li> </ul>
Finish Floor	Indoor Air Quality	<ul style="list-style-type: none"> <li>▪ All wall-to-wall carpeting and pad tacked/taped throughout home.</li> </ul>
Pools and	Water and Energy Conservation	<ul style="list-style-type: none"> <li>▪ No swimming pool or spa.</li> </ul>
Special Options	Resource Conservation	<ul style="list-style-type: none"> <li>▪ House less than 3,000 ft<sup>2</sup> (279 m<sup>2</sup>) of total livable/conditioned space.</li> </ul>